

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"6606427".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:16
L3	0	L2 and reflect\$3 near5 pass-band	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:16
L4	0	L2 and reflect\$3 near5 pass\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:17
L5	1	L2 and reflect\$3 same pass\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:17
S1	24177	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 13:56
S2	2645	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:50
S3	85420	wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3 WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:52
S4	88519	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 16:27
S5	28	S1 same S2 same S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18

## EAST Search History

S6	20	S5 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:08
S7	18	S6 and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S8	1	S7 and (thin near3 film near3 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S10	1	S7 and,filter same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S11	18	S7 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S12	1	S7 and substrate near3 glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:55
S13	1	S7 and substrate near3 (glass silic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:56
S14	18	S7 and (detect\$3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 14:56
S15	93308	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3 split\$4)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S16	24177	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26

## EAST Search History

S17	2645	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S18	93308	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3 split\$4)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:29
S19	28	S16 same S17 same S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:26
S20	18	wavelength near5 sieve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:36
S21	2	S16 same S18 same S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:30
S22	2	S16 and S18 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:30
S23	10974	wavelength near5 combin\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:30
S25	2	S16 same S17 same S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/06 18:31
S26	24204	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S27	2655	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31

## EAST Search History

S28	88645	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S29	28	S26 same S27 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S30	20	S29 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S31	18	S30 and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:31
S32	19	wavelength near5 sieve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:36
S33	2	S27 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:40
S34	0	(optical adj fiber) with (wavelength near3 filter) with (focus\$4 collimat\$3 lens prism) with (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:42
S36	2	(optical adj fiber) same (wavelength near3 filter) same (focus\$4 collimat\$3 lens prism) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:43
S37	15	(fiber waveguide) same (wavelength near5 filter) same (focus\$4 collimat\$3 lens prism) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:50
S38	42	(fiber waveguide) same (wavelength near5 filter) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:24

## EAST Search History

S39	11	(fiber waveguide) same (wavelength near5 filter) same ((micro\$1mirror\$1 (micro adj mirror)) near5 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:22
S40	10	(fiber waveguide) same (wavelength near5 filter) same (focus\$4 collimat\$3 lens prism) same ((micro\$1mirror\$1 (micro adj mirror)) near5 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:51
S43	10	S40 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:52
S46	1864	broadcast adj mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:53
S47	15	S46 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 12:53
S48	6	S40 and \$2multiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:56
S49	34	S38 and \$2multiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 13:56
S50	24	S38 and demultiplex\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 14:49
S51	4	((fiber waveguide) near5 array) same (wavelength near5 filter) same ((micro\$1mirror\$1 (micro adj mirror)) near5 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:23
S53	4	((fiber waveguide) near5 array) same (wavelength near5 filter) same (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:24

## EAST Search History

S54	160	((fiber waveguide) near5 array) and (wavelength near5 filter) and (micro\$1mirror\$1 (micro adj mirror))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:25
S55	48	((fiber waveguide) near3 array) and (wavelength near3 filter) and ((micro\$1mirror\$1 (micro adj mirror)) near3 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:32
S56	93	((fiber waveguide) near3 array) and (wavelength near3 filter) and ((micro\$1mirror\$1 (micro adj mirror) mems) near3 array)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:33
S57	46	S56 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:33
S58	16	S56 and "385"/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:33
S59	13	S58 and (lens focus\$4 collimat\$3 prism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:34
S60	11	S59 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:34
S61	3	S59 and glass near3 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:48
S62	66308	(waveguide fiber) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:50
S63	12273	(micro\$1mirror\$1 (micro adj mirror) mem\$1) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:04

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S64	282	S62 with S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S65	24	S64 with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S66	72149	((waveguide fiber) near3 (array plurality)) awg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S67	283	S66 with S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S68	25	S67 with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:51
S69	1162918	(lens prism collimat\$3 focus\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:52
S70	16	S68 with S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:52
S71	14	S70 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:54
S74	12	S70 and (substrate near3 (glass silic\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S75	12	S74 and (\$2multiplex\$3 \$1wdm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:57

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S77	1	S70 and (micro\$1lens\$2 (micro adj lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 15:56
S80	12273	(micro\$1mirror\$1 (micro adj mirror mem\$1) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S81	72149	((waveguide fiber) near3 (array plurality)) awg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S82	283	S81 with S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S83	25	S82 with wavelength	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S84	1162918	(lens prism collimat\$3 focus\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S85	16	S83 with S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S86	12	S85 and (substrate near3 (glass silic\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03
S87	12	S86 and (\$2multiplex\$3 \$1wdm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:26
S88	0	S87 and tilt\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:03



## EAST Search History

S89	377	(micro\$1mirror\$1 (micro adj mirror) mem\$1) near3 (array plurality) near5 tilt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:04
S90	66308	(waveguide fiber) near3 (array plurality)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:04
S91	22	S90 with S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:06
S94	181	S89 and tilt\$4 with ax\$1s	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:07
S95	120	S90 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:08
S96	95	S89 and tilt\$4 with axes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:07
S97	62	S90 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/12 18:36
S98	96	diffraction adj grating with thin adj film adj filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:30
S99	2	S98 and thin adj film adj filter with substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:32
S10 0	3	S98 and thin adj film adj filter same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:44

## EAST Search History

S10 1	1	thin adj film adj filter with suspend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:36
S10 2	4	thin adj film adj filter same suspend\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:36
S10 3	8119	focus\$4 with lens with prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:45
S10 4	319	S103 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 11:45
S10 5	19	S103 and "385"/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 12:56
S10 6	112	(micro\$1mirror\$1 (micro adj mirror) mem\$1) with tilt\$3 with ax\$1s with (orthogonal perpendicular ("90" adj degree))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 12:54
S10 7	22	S106 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 12:55
S10 8	187	(sensor detector) near5 mount\$3 near5 grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:09
S10 9	23	S108 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:13
S11 0	354	(waveguide fiber) with converg\$3 with grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:20

## EAST Search History

S11 1	158	S110 and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:14
S11 2	19	S110 and "385"/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:21
S11 3	669	(waveguide fiber) with converg\$3 with (grating filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:20
S11 4	38	S113 and "385"/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:21
S11 5	24233	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S11 6	2668	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S11 7	88792	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S11 8	28	S115 same S116 same S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 13:24
S11 9	24	S118 and grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:16
S12 0	43	fiber near5 converg\$3 near5 grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:16

## EAST Search History

S12 1	24233	(waveguide fiber) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S12 2	2668	(micro\$1mirror\$1 (micro adj mirror)) near3 array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S12 3	88792	(wavelength near5 (siev\$3 combin\$5 filter\$3 multiplex\$3 demultiplex\$3)) (WDM DWDM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S12 4	28	S121 same S122 same S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:18
S12 5	2	S124 and converg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/13 15:19
S12 7	2	"20020131691"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 14:01
S13 0	2	"6721099".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 14:38
S13 1	2	"6269202".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:15
S13 2	3532	385/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:26
S13 3	2	"20030059195"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:27

### EAST Search History

S13 4	1	S133 and mount\$3 same grating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 18:33
S13 5	2	"20030223679"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 19:13
S13 6	2	"20030021525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 19:21
S13 7	2	"6657770".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/14 19:21
S13 8	2	"6606427".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:16